

**Geographical distribution and conservation status of an endemic insular mammal: the Vulnerable fish-eating bat *Myotis vivesi***

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TABLE S1 Sites visited in the Gulf of California, Mexico (numbered as per Fig. 1), during 2001–2016 in search of populations of the fish-eating bat *Myotis vivesi*. Most sites are islands, and areas are presented only for islands and not for mainland sites. Bat records (M, male; F, female) correspond to captures in nets, except for visual records (VR). Introduced rodents (*Mus musculus*, *Rattus rattus*) and cats *Felis catus* were sampled only on islands; rodent records correspond to captures in traps, and cat records correspond to scats.

|                                | Longitude | Latitude | Area<br>(km <sup>2</sup> ) | Visited   | Records of<br>fish-eating<br>bats | Records of introduced fauna |
|--------------------------------|-----------|----------|----------------------------|-----------|-----------------------------------|-----------------------------|
| <b>Fish-eating bat present</b> |           |          |                            |           |                                   |                             |
| Alcatraz (44)                  | 111°57'W  | 28°48'S  | 0.5077                     | July 2005 | Visual record                     | <i>M. musculus</i> 4M, 7F   |
|                                |           |          |                            | July 2011 | 2M, 13F<br>(lactating)            | <i>M. musculus</i> 15M, 28F |
| Blanco (52)*                   | 111°1'W   | 27°56'S  | 0.0156                     | July 2011 | 2M, 15F<br>(lactating)            |                             |
| Bota (23)                      | 113°31'W  | 29°0'S   | 0.1304                     | Apr. 2001 | 2M, 1F                            |                             |
| Cardonosa (40)*                | 113°1'W   | 28°52'S  | 0.1400                     | July 2011 | 3M, 12F<br>(lactating)            |                             |
| Cayo (6)*                      | 110°10'W  | 24°13'S  | 0.0436                     | July 2001 | 7M, 11F                           |                             |

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|-----------------|----------|---------|--------|-----------|--|
|                 |          |         |        |           | (lactating)                                    |
| Choyudo (46)    | 112°18'W | 28°43'S | 0.0015 | July 2011 | 9M, 11F<br>(lactating)                         |
| Colorado (9)    | 111°13'W | 25°43'S | 0.0280 | Mar. 2001 | 2M, 15F<br>(pregnant)                          |
| Coyote (5)      | 110°34'W | 24°51'S | 0.0024 | July 2001 | 8M, 3F   |
| Cuervo (18)     | 112°57'W | 28°43'S | 0.0258 | Apr. 2001 | 7M, 5F   |
| Danzante (10)*  | 111°15'W | 25°46'S | 4.1278 | July 2011 | 3M, 9F<br>(lactating)                          |
| Dátil (45)*     | 112°17'W | 28°43'S | 1.2500 | July 2011 | 1M, 9F<br>(lactating)                          |
| Encantada (31)* | 114°11'W | 29°18'S | 0.3915 | July 2001 | 7M, 19F <i>R. rattus</i> 0M, 4F<br>(lactating) |
| Encantado (32)  | 114°0'W  | 28°0'S  | 0.015  | July 2001 | 5M, 7F <i>R. rattus</i> 1M, 4F                 |
| Estanque (39)*  | 113°4'W  | 29°3'S  | 0.8015 | July 2011 | 0M, 9F<br>(lactating)                          |
| Granito (35)*   | 113°32'W | 29°33'S | 0.2397 | July 2001 | 2M, 4F   |
| La Mestiza (11) | 111°18'W | 25°50'S | 0.0300 | July 2011 | 2M, 9F<br>(lactating)                          |

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| Mejía (37)*         | 113°33'W | 29°33'S | 2.282  | Apr. 2001 | 2M, 3F                 |   |
|                     |          |         |        | July 2006 | 1M, 0F                 | <i>R. rattus</i> 0M, 1F                               |
|                     |          |         |        | Dec. 2013 |                        | <i>R. rattus</i> 7M, 14F                              |
|                     |          |         |        | May 2014  |                        | <i>R. rattus</i> 10M, 2F                              |
|                     |          |         |        | Nov. 2014 |                        | <i>R. rattus</i> 2M, 5F                               |
|                     |          |         |        | Mar. 2015 |                        |   |
|                     |          |         |        | June 2016 |                        |   |
| Muela (36)          | 113°33'W | 29°33'S | 0.0012 | Apr. 2001 | 2M, 19F<br>(lactating) |   |
| Murciélagos (53)    | 110°54'W | 27°52'S | 0.0090 | June 2003 | 6M, 7F                 | <i>R. rattus</i> 0M, 1F; <i>M. musculus</i><br>0M, 1F |
| Navío (26)          | 113°32'W | 29°33'S | 0.0017 | Apr. 2001 | 4M, 3F                 |   |
| Partida Norte (41)* | 113°2'W  | 28°53'S | 1.2000 | June 2004 | 19M, 12F               |   |
|                     |          |         |        |           | (lactating)            |   |
|                     |          |         |        | Sep. 2004 | 13M, 7F                |   |
|                     |          |         |        | Oct. 2004 | 10M, 9F                |   |
|                     |          |         |        | Feb. 2005 | 7M, 10F                |   |

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|  | Aug. 2005 | 0M, 9F      |
|  | Dec. 2005 | 11M, 11F    |
|  | Apr. 2006 | 8M, 31F     |
|  |           | (pregnant)  |
|  | July 2006 | 25M, 40F    |
|  |           | (lactating) |
|  | Dec. 2006 | 16M, 28F    |
|  | Feb. 2008 | 11M, 24F    |
|  | June 2008 | 8M, 17F     |
|  |           | (lactating) |
|  | Sep. 2008 | 9M, 22F     |
|  | Dec. 2008 | 2M, 29F     |
|  | Feb. 2009 | 21M, 48F    |
|  | Apr. 2009 | 24M, 50F    |
|  |           | (pregnant)  |
|  | June 2009 | 8M, 17F     |
|  |           | (lactating) |

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|-----------|-------------------------|
| Jan. 2010 | 11M, 5F                 |
| July 2010 | 0M, 10F<br>(lactating)  |
| Jan. 2011 | 3M, 9F                  |
| Dec. 2012 | 5M, 14F                 |
| Apr. 2013 | 6M, 23F<br>(pregnant)   |
| Jul. 2013 | 11M, 22F<br>(lactating) |
| Oct. 2013 | 13M, 17F                |
| Feb. 2014 | 13M, 17F                |
| Apr. 2014 | 10M, 54F<br>(pregnant)  |
| July 2014 | 26M, 21F<br>(lactating) |
| Nov. 2014 | 2M, 13F                 |
| Dec. 2014 | 8M, 22F                 |

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|                     |          |         |         | June 2015 | 6M, 66F   |
|                     |          |         |         |           | (lactating)                                     |
|                     |          |         |         | Oct. 2015 | 16M, 34F  |
|                     |          |         |         | Dec. 2015 | 10M, 7F   |
|                     |          |         |         | Feb. 2016 | 14M, 27F  |
|                     |          |         |         | June 2016 | 6M, 65F   |
|                     |          |         |         |           | (lactating)                                     |
| Pescadora (21)*     | 113°22'W | 28°55'S | 0.0004  | July 2011 | 9M, 14F<br>(lactating)                          |
| Piojo (25)          | 113°28'W | 28°58'S | 0.6332  | Apr. 2001 | 3M, 10F<br>(pregnant)                           |
| Poma (29)           | 114°22'W | 29°53'S | 0.2200  | Apr. 2001 | 8M, 3F  |
| Rasito (20)         | 112°59'W | 28°49'S | 0.0098  | Mar. 2001 | 2M, 5F  |
| Salsipuedes (19)*   | 112°57'W | 28°43'S | 0.8933  | Apr. 2001 | 3M, 7F<br><i>F. catus</i> 3 scats<br>(pregnant) |
| San Esteban (47)*   | 112°35'W | 28°41'S | 39.6810 | July 2005 | 6M, 3F<br><i>R. rattus</i> 0M, 2F               |
| San Idelfonso (13)* | 111°6'W  | 26°6'S  | 1.0288  | Mar. 2001 | 5M, 1F  |
| San Jorge (34)*     | 113°14'W | 31°0'S  | 0.1758  | Apr. 2003 | 0M, 4F  |

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|                         |          |         |        |           |                        |                         |
|-------------------------|----------|---------|--------|-----------|------------------------|-------------------------|
| San Lorenzo (17)*       | 112°52'W | 28°40'S | 33.03  | Apr. 2001 | 1M, 5F                 | <i>R. rattus</i> 1M, 4F |
| San Pedro Nolasco (49)* | 111°24'W | 27°57'S | 3.5125 | June 2005 | 4M, 2F                 |                         |
| San Rafael (15)         | 112°3'W  | 27°9'S  | 1.0000 | Mar. 2001 | 4M, 9F                 |                         |
| San Vicente (51)        | 110°38'W | 27°52'S | 0.1301 | July 2011 | 3M, 10F<br>(lactating) |                         |
| Santa Inés (14)*        | 111°25'W | 26°37'S | 0.2925 | July 2001 | 6M, 13F<br>(lactating) |                         |
| Tijeras (8)*            | 111°13'W | 25°44'S | 0.0260 | July 2011 | 8M, 9F<br>(lactating)  |                         |
| Ventana (22)            | 113°17'W | 28°35'S | 1.2476 | Apr. 2016 | 8M, 4F                 |                         |

#### Fish-eating bat absent

|                          |          |         |        |           |                         |
|--------------------------|----------|---------|--------|-----------|-------------------------|
| Ángel de la Guarda (38)* | 113°33'W | 29°32'S | 9.3604 | Dec. 2013 | <i>F. catus</i> 8 scats |
|                          |          |         |        | May 2014  | <i>F. catus</i> 5 scats |
|                          |          |         |        | Nov. 2014 | <i>F. catus</i> 3 scats |
|                          |          |         |        | Mar. 2015 | <i>F. catus</i> 4 scats |
|                          |          |         |        | June 2016 | <i>F. catus</i> 6 scats |
| Asunción Bay* (3)        | 114°17'W | 27°7'S  |        | June 2016 |                         |

|                                    |          |         |          |           |   |
|------------------------------------|----------|---------|----------|-----------|---|
| Cármén (12)*                       | 111°12'W | 25°49'S | 144.7946 | July 2011 | <i>F. catus</i> 4 scats                               |
| Guaymas Bay, mainland<br>(55)*     |          |         |          | June 2001 |   |
| León (50)*                         | 110°59'W | 27°55'S | 0.0100   | June 2001 |   |
| Los Ángeles Bay,<br>mainland (24)* | 113°32'W | 28°57'S |          | Dec. 2013 |   |
| Miramar Beach, mainland<br>(54)*   | 110°56'W | 27°55'S |          | June 2001 |   |
| Montserrat (7)                     | 111°2'W  | 25°40'S | 19.0280  | June 2003 |   |
| Partida Sur (4)                    | 109°18'W | 24°10'S | 103.6710 | Apr. 2001 |   |
| Patos (43)*                        | 112°28'W | 28°16'S | 0.3786   | July 2011 |   |
| Puertecitos, mainland<br>(30)*     | 114°39'W | 30°21'S |          | Jan. 2003 |   |
| Rasa (42)*                         | 112°58'W | 28°49'S | 0.4833   | June 2005 |   |
| Salvatierra (33)                   | 114°28'W | 30°3'S  | 0.8400   | July 2006 | <i>R. rattus</i> 0M, 1F; <i>M. musculus</i><br>6M, 7F |
| San Carlos Bay, mainland<br>(56)*  | 111°2'W  | 27°53'S |          | Jan. 2003 |   |
| San Luis (28)                      | 114°24'W | 29°58'S | 0.3400   | June 2003 |   |

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|  |          |         |        |           |                         |
|--|----------|---------|--------|-----------|-------------------------|
| San Luis Gonzaga (27)                    | 114°22'W | 29°48'S | 1.5774 | Apr. 2001 |                         |
| San Marcos (16)*                         | 112°4'W  | 27°12'S | 0.0276 | Mar. 2001 | <i>F. catus</i> 5 scats |
| San Pedro Mártir (48)*                   | 112°19'W | 28°21'S | 2.7936 | July 2005 | <i>R. rattus</i> 2M, 2F |
| San Sebastián Vizcaíno,<br>mainland (1)* | 114°15'W | 27°45'S |        | Mar. 2001 |                         |
| Tortuga Bay, mainland (2)                | 114°53'W | 27°41'S |        | Apr. 2001 |                         |

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\*Presence of fish-eating bat previously reported in the literature